

Receiving Report

Date: 12/03/00

Batch No: 1121910

Supplier: TR WESL

Dart P/O: 17026

Packing Slip: Yes

No

Invoice: Yes

No

Receipt: Cash

Cr

Release Note Attached: Yes No N/A

Waybill Attached: Yes No N/A

Shipment Complete: Yes No N/A

QC6 Inspection OK 12/06/00 Yes No N/A

Work Order N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 LL

Production/Admin: 12/03/00

Date 12/03/00

Location

Received/Costing

Initial

Purchase Order Receipt Listing

Wednesday, May 30, 2012 11:31:01 AM

All Vendors PO ID PO17026 Receipt Dates from 5/30/2012 to 5/30/2012 All Line Item Types
 All Item ID/GL/WOs All Rec. Employees All Currencies
 Grouped by Vendor ID

Purchase Order ID/	Line Nbr/	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
PO17026	1			M6061T6T0.375W.0 f	5/30/2012	5/30/2012	108.0000	\$2.50	0.0000	0	\$270.00
				49							
USD	No	6061-T6 RD Tube f	.375 x.049W		108.0000	DESJ02		\$270.00	0.0000	0	
				121910							
	2			M6061T6T0.3125W. f	5/30/2012	5/30/2012	204.0000	\$4.10	0.0000	0	\$836.40
				058							
	No	ALUM TUBE .3125 f	x .058W		200.0000	DESJ02		\$836.40	0.0000	0	
				121910							
	3			M4130NTO.750W.03 f	5/30/2012	5/30/2012	216.0000	\$7.50	0.0000	0	\$1,620.00
				5							
	No	4130 RD TUBE .750 f	X .035W		200.0000	DESJ02		\$1,620.00	0.0000	0	
				121910							

Total Received Quantity:

Total Qty to Inspect (PO U/M): 528.0000

Total Reject Quantity: 0.0000

Total Receipt Value:

\$2,726.40

Total Balance Due Quantity: 0.0000

ORDER NO.: 60472166 FROM: CRAN PAGE 1

CUST NUMBER: 1203820 NET WGT: 75.225 REQ. DATE: 05/30/12 CONFIRMED
 SOLD TO:
 DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON
 CANADA CN K6A 1K7
 SHIP TO:
 DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON
 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY DISTRICT: CRANBURY
 TERMS: NET 30 DAYS VIA: COMMON CARRIER
 F.O.B.: SHIPPING POINT FREIGHT: PREPAID
 CUST ORD NO.: PO17026 RELEASE NO.:
 RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH

0001 41930 D6061-T6 3/8 OD X .049 WA 12 FT ML
 QTY: 108.000 FT WT: 6.363 PC: 9 SHP: 108.000 FT

PART#: M6061T6T0.375W.049

** 1 TEST REPORTS REQUIRED **
 ** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
 PO:49256472 HT:546244 PC: 9 SLB/CL:334293
 MLT:UNITED STATES MFG:UNITED STATES

0002 41723 D6061-T6 5/16 OD X .058 WA 12 FT ML
 QTY: 204.000 FT WT: 11.138 PC: 17 SHP: 204.000 FT

PART#: M6061T6T0.3125W.058

** 1 TEST REPORTS REQUIRED **
 ** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
 PO:49261460 HT:546273 PC: 17 SLB/CL:334821
 MLT:UNITED STATES MFG:UNITED STATES

0003 33031 CDS 4130 6736 3/4 X .035 17/24 FT
 QTY: 200.000 FT WT: 57.724 PC: 9 SHP: 216.000 FT

PART#: M4130NT0.750W.035

** 1 TEST REPORTS REQUIRED **
 ** 1 CERTS REQUIRED **

ECCN: 9A991.d Export License: NLR Expiration Date: 0/00/00
 PO:49266125 HT:568913 PC: 9 SLB/CL:1569220
 MLT:GERMANY MFG:GERMANY

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
 OF THESE PRODUCTS ARE SET FORTH ON THE
 REVERSE SIDE FOR YOUR CAREFUL REVIEW.



Control No: 146618

Precision Tube Company

A Mueller Industries Company

287 Wissahickon Avenue

North Wales, Pennsylvania 19454

Phone: (215) 699-5801 - Fax: (215) 699-0761

**Quality Management System Registered to ISO 9001: 2008
CERTIFICATION AND TEST REPORTS**

CUSTOMER PURCHASE ORDER NO.	CUST. ORD. NO.	PRECISION TUBE P/N
49256472 LINE 001	334293	24A037500490009

SOLD TW METALS
TO SUITE 204
760 CONSTITUTION DR.
EXTON, PA 19341

SHIP TO
TW METALS - CRANBURY
27 ENGLEHARD DRIVE
MONROE TWP, NJ 08831

QUANTITY ORD.	DESCRIPTION	QTY. SHIPPED	DATE SHIPPED
5,184 FT	METAL - 6061 ALUM TEMPER - T6 SPEC - AMS 4082P ASTM-B-210-04 AMS-WW-T-700/6B LENGTH - 12 FT LGTH TOL +.1250 IN -.0000 IN SHAPE - ROUND FINISH - STRAIGHT EXACT LENGTHS OD .3750 +.0030 -.0030 ID WALL .0490 +.0030 -.0030	5,508 FT	12/02/11 <i>Art 12/06/01</i>

MECHANICAL PROPERTIES					
SAMPLE #	TENSILE STRENGTH (P.S.I.)	YIELD STRENGTH (P.S.I.)	ELONGATION IN 2 INCHES (%)	ROCKWELL HARDNESS	AVERAGE GRAIN SIZE (MM.)
1	46,279	41,074	21		

EXPANSION TEST:

MERCURIOUS NITRATE TEST:

MICRO EXAMINATION:

Country of Melt: USA Country of Mfg: USA

DFARS BAA Complies Cannot Certify Compliance

FAR BAA Complies Cannot Certify Compliance

DFARS BAA Complies Cannot Certify Compliance

FLATTENING TEST:

FLARE TEST:

NON-DESTRUCTIVE TESTS

EDDY CURRENT TEST: PASS

HYDROSTATIC PRESSURE TEST:

ULTRASONIC TEST:

CHEMICAL COMPOSITION			TRACEABILITY #: 546244								
			RAW MATL VEND: PT19193 - Kaiser Aluminum								
ALLOY:	6061	HEAT:	Mn	Mg	Cr	Zn	Ti	Other - Elements Al	Each	Tot.	Rem.
MIN.	0.40	0.15		0.80	0.04						
MAX.	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	0.05	0.15	

We hereby certify that the foregoing results are correct, that the material complies with the requirements of the above specifications and purchase order and that the test reports represent the actual attributes of the items furnished on this order. During the manufacturing, testing and inspection, the product did not come into direct contact with mercury or any of its compounds, nor with any mercury containing device employed a single boundary containment.

BY: Art Onaitis

12/02/11



ORDER NO.: 60472166 FROM: CRAN PAGE 3

CUST NUMBER: 1203820	NET WGT:	75.225	REQ.DATE: 05/30/12 CONFIRMED
SOLD TO:		SHIP TO:	
DART AEROSPACE LTD		DART AEROSPACE LTD	
1270 ABERDEEN ST		1270 ABERDEEN ST	
HAWKESBURY ON		HAWKESBURY ON	
CANADA	CN K6A 1K7	ONTARIO CANADA	CN K6A 1K7
SALESPERSON:	DONNA SMALLEY	DISTRICT: CRANBURY	
TERMS:	NET 30 DAYS	27 ENGLEHARD DRIVE	
F.O.B.:	SHIPPING POINT	MONROE TWP	NJ 08831
CUST ORD NO.:	PO17026		
VIA:	COMMON CARRIER		
FREIGHT:	PREPAID		
RELEASE NO.:			
RECEIVING PHONE:			

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material."

Electronically Generated Certificate-Valid without signature Date: 5/28/12

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

**TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.**

ORDER NO.: 60472166 FROM: CRAN PAGE 2

CUST NUMBER: 1203820 **NET WGT:**
SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKSBURY ON
CANADA CN K6A 1K7

75.225 REQ. DATE: 05/30/12 CONFIRMED
SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKSBURY ON
ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY
TERMS: NET 30 DAYS
F.O.B.: SHIPPING POINT
CUST ORD NO.: PO17026

DISTRICT: CRANBURY
VIA: COMMON CARRIER
FREIGHT: PREPAID
RELEASE NO.:
RECEIVING PHONE:

LINE ITEM DESCRIPTION

WIDTH LENGTH

PACK INFO

AREA	TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
B	CARTON	1.000	175.000		12.5000	
B	CARTON	1.000			24.5000	
		2.000	175.000			

UNLOAD TYPE: NONE SPECIFIED

BY: SF
RT 000-

DATE SHIPPED _____

DATE FILLED

THANK YOU FOR THIS ORDERTERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
2425 STEVENS DRIVE
RICHLAND, WA 99352

KAISER ALUMINUM
MATERIAL CERTIFICATION
PRECISION TUBE CO
287 WISSAHICKON AVENUE
N. WALES, PA 19454

PAGE 1

PRECISION TUBE CO
N. WALES
SOLD TO

PA 19454 PT19193
PURCHASE ORDER

10/26/11
DATE PRINTED

SOLD TO

SPIRIT-352567
CUSTOMER PART, NUMBER

PURCHASE ORDER

5.4#/PC +.500#/-0#
1.312 OD X .085 WALL ESRT

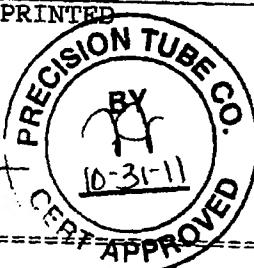
DATE PRINTED

313088-001
RELEASE-ITEM

50751 191

LOT

6061-O
ALLOY/TEMPER



MECHANICAL PROPERTY RESULTS

REFERENCE	SAMPLE#	UTS (KSI)	YTS (KSI)	%Elong in 2"	HARDNESS	CONDUCT.	BEND
50751 191	0001 001	16.7	4.6	29.1	NA N/A	N/A	N/A
50751 191	0001 002	16.5	4.9	29.1	NA N/A	N/A	N/A
50751 191	0001 003	17.0	4.8	29.7	NA N/A	N/A	N/A
50751 191	0001 004	16.7	4.9	29.6	NA N/A	N/A	N/A
50751 191	0001 005	16.7	4.9	29.2	NA N/A	N/A	N/A
50751 191	0001 006	16.3	4.9	29.1	NA N/A	N/A	N/A
50751 191	0001 007	16.7	5.0	30.5	NA N/A	N/A	N/A
50751 191	0001 008	18.0	5.1	30.3	NA N/A	N/A	N/A
50751 191	0001 009	16.3	4.5	29.8	NA N/A	N/A	N/A
50751 191	0001 010	16.8	4.9	29.7	NA N/A	N/A	N/A
50751 191	0001 011	16.0	5.0	27.9	NA N/A	N/A	N/A
50751 191	0001 012	16.7	4.6	29.9	NA N/A	N/A	N/A
50751 191	0001 013	16.8	4.7	29.9	NA N/A	N/A	N/A
50751 191	0001 014	16.9	4.8	29.9	NA N/A	N/A	N/A
50751 191	0001 015	16.4	4.6	29.1	NA N/A	N/A	N/A
50751 191	0001 016	16.7	4.7	29.1	NA N/A	N/A	N/A
50751 191	0001 017	16.7	4.7	30.3	NA N/A	N/A	N/A

Applicable Requirements:

ASTM-B241-02
ASTM-B221-08
ASTM-B345-02
AMS-QQ-A-200/8 TYPE 1
UNS#96061
ACTUAL CHEMISTRY
Also conforms to EN 10204 3.1

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file, subject to examination.

Domestic Melt Source

Ron Walls

Ron Walls
General Manager

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
2425 STEVENS DRIVE
RICHLAND, WA 99352

PRECISION TUBE CO
N. WALES
SOLD TO

PA 19454 PT19193
PURCHASE ORDER

KAISER ALUMINUM
MATERIAL CERTIFICATION
PRECISION TUBE CO
287 WISSAHICKON AVENUE
N. WALES, PA 19454

TIN METALS	
TEST	DEC - 6 2011 PAGE 2
ACCEPTABLE BY	

10/26/11
DATE PRINTED

SOLD TO

SPIRIT-352567
CUSTOMER PART NUMBER

PURCHASE ORDER
5.4#/PC + .500#/-.0#
1.312 OD X .085 WALL ESRT

DATE PRINTED

313088-001
RELEASE-ITEM 50751 191
LOT 6061-O
ALLOY/TEMPER

MECHANICAL PROPERTY RESULTS

REFERENCE	SAMPLE#	UTS (KSI)	YTS (KSI)	%Elong in 2"	HARDNESS	CONDUCT.	BEND
50751 191	0001 018	17.0	4.9	31.1	NA N/A	N/A	N/A
50751 191	0001 019	16.9	4.8	29.9	NA N/A	N/A	N/A
50751 191	0001 020	16.8	4.8	30.2	NA N/A	N/A	N/A
50751 191	0001 021	16.5	4.6	29.4	NA N/A	N/A	N/A
50751 191	0001 022	16.7	4.8	30.4	NA N/A	N/A	N/A
50751 191	0001 023	16.7	5.0	28.9	NA N/A	N/A	N/A
50751 191	0001 024	16.8	4.9	29.6	NA N/A	N/A	N/A

CHEMICAL COMPOSITION (WT%), ALUMINUM REMAINDER

6061 LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Others
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	.0

Cast No	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
F69627 01	.61	.29	.21	.04	1.00	.07	.04	.03	.00	.00	.00	.01	.02

Applicable Requirements:

ASTM-B241-02
ASTM-B221-08
ASTM-B345-02
AMS-QQ-A-200/8 TYPE 1
UNS#96061
ACTUAL CHEMISTRY
Also conforms to EN 10204 3.1

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file, subject to examination.

Domestic Melt Source

Ron Walls
Ron Walls General Manager

SIGNED



Control No: 145176

Precision Tube Company

A Mueller Industries Company

287 Wissahickon Avenue

North Wales, Pennsylvania 19454

Phone: (215) 699-5801 - Fax: (215) 699-0761

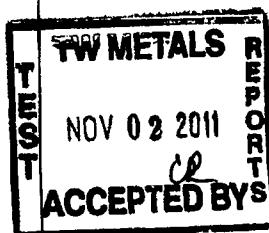
Quality Management System Registered to ISO 9001: 2008
CERTIFICATION AND TEST REPORTS

CUSTOMER PURCHASE ORDER NO.	CUST.ORD.NO.	PRECISION TUBE P/N
49261460 LINE 002	334821	24A031250580005

SOLD TW METALS
TO SUITE 204
760 CONSTITUTION DR.
EXTON, PA 19341

SHIP TO
TW METALS - CAROL STREAM
235 TUBEWAY
CAROL STREAM, IL 60188

QUANTITY.ORD.	DESCRIPTION	QTY.SHIPPED	DATE SHIPPED
3,408 FT	METAL - 6061 ALUM TEMPER - T6 SPEC - AMS 4082P ASTM-B-210-04 AMS-WW-T-700/6B LENGTH - 12 FT LGTH TOL +.1250 IN -.0000 IN SHAPE - ROUND FINISH - STRAIGHT EXACT LENGTHS OD .3125 +.0030 -.0030 ID WALL .0580 +.0040 -.0040	3,552 FT	10/27/11



12/06/11

MECHANICAL PROPERTIES					
SAMPLE #	TENSILE STRENGTH (P.S.I.)	YIELD STRENGTH (P.S.I.)	ELONGATION IN 2 INCHES (%)	ROCKWELL HARDNESS	AVERAGE GRAIN SIZE (MM.)
1	45,669	40,583	15		

EXPANSION TEST:
MERCURIOUS NITRATE TEST:

FLATTENING TEST:
FLARE TEST:

MICRO EXAMINATION:

Country of Melt: USA Country of Mfg: USA FAR BAA Complies Cannot Certify Compliance
DFARS BAA Complies Cannot Certify Compliance FAR TAA Complies Cannot Certify Compliance

NON-DESTRUCTIVE TESTS

EDDY CURRENT TEST: PASS

HYDROSTATIC PRESSURE TEST:

ULTRASONIC TEST:

CHEMICAL COMPOSITION

ALLOY: 6061	HEAT:	TRACEABILITY #:	546273
RAW MATL VEND: pt18747 - Kaiser Aluminum			
Si	Fe	Cu	Mn
MIN. 0.40	0.70	0.40	0.15

We hereby certify that the foregoing results are correct, that the material complies with the requirements of the above specifications and purchase order and that the test reports represent the actual attributes of the items furnished on this order. During the manufacturing, testing and inspection, the product did not come into direct contact with mercury or any of its compounds, nor with any mercury containing device employed a single boundary containment.

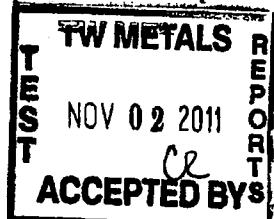
BY: Art Onaitis

10/27/11

KAISER ALUMINUM FABRICATED PRODUCTS

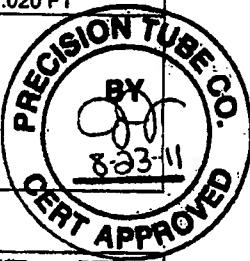
KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
2425 STEVENS DRIVE
RICHLAND, WA 99352

*Beth in
Richland*



CERTIFIED TEST REPORT
<http://Certs.KaiserAluminum.com>

CUSTOMER PO NUMBER:		CUSTOMER PART NUMBER:		PRODUCT DESCRIPTION:		
PT18747-1		SPIRIT-352567		1.312 OD X .085 WALL ESRT		
KAISER ORDER NUMBER:	LINE ITEM:	SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:	
312734	001	08/19/2011	50751 189	6061	O	
WEIGHT SHIPPED:	QUANTITY:	BL NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:	
15627.000 LB	2790.000 PCS	003649			14.020 FT	
SHIP TO:			SOLD TO:			
PRECISION TUBE CO 287 WISSAHICKON AVENUE N. WALES, PA 19454 USA			PRECISION TUBE CO 287 WISSAHICKON AVENUE N. WALES, PA 19454 USA			



Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	%Elong in 2	HARDNESS	CONDUCT.	BEND
50751 189	0001	001	17.0	4.7	26.4	NA N/A	N/A	N/A
50751 189	0001	002	16.8	4.7	27.8	NA N/A	N/A	N/A
50751 189	0001	003	17.0	4.9	28.3	NA N/A	N/A	N/A
50751 189	0001	004	16.4	4.5	28.1	NA N/A	N/A	N/A
50751 189	0001	005	16.4	4.9	27.8	NA N/A	N/A	N/A
50751 189	0001	006	17.0	4.9	27.6	NA N/A	N/A	N/A
50751 189	0001	007	15.9	4.5	28.0	NA N/A	N/A	N/A
50751 189	0001	008	16.3	4.9	28.3	NA N/A	N/A	N/A
50751 189	0001	009	16.9	4.7	27.8	NA N/A	N/A	N/A
50751 189	0001	010	17.0	4.9	28.9	NA N/A	N/A	N/A
50751 189	0001	011	16.5	4.8	28.9	NA N/A	N/A	N/A
50751 189	0001	012	17.0	4.8	28.3	NA N/A	N/A	N/A
50751 189	0001	013	17.0	4.7	29.4	NA N/A	N/A	N/A
50751 189	0001	014	16.6	4.8	27.3	NA N/A	N/A	N/A
50751 189	0001	015	16.7	4.7	28.2	NA N/A	N/A	N/A
50751 189	0001	016	16.7	4.9	27.7	NA N/A	N/A	N/A

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Ron Walls,

Ron Walls

Plant Serial: 00005624

Kaiser Order Number: 312734

Page 1 of 2

Line Item: 001

KAISER

ALUMINUM

FABRICATED PRODUCTS

*Beth in
Bent*

CERTIFIED TEST REPORT

<http://Certs.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
2425 STEVENS DRIVE
RICHLAND, WA 99352

Chemical Composition (wt%), Aluminum Remainder

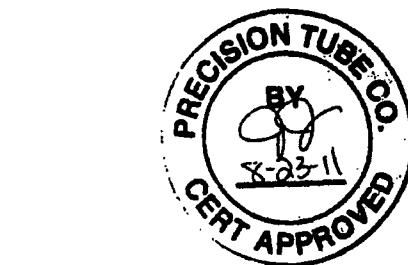
LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Na	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	.0
F69521	.59	.28	.24	.05	.99	.06	.03	.02	.00	.00	.00	.01	.02
F69528	.62	.33	.24	.06	.99	.08	.05	.02	.00	.00	.00	.02	.03
F69285	.59	.25	.21	.06	.98	.06	.05	.02	.00	.00	.00	.01	.02

Applicable Requirements:

ASTM-B241-02 ASTM-B221-08 ASTM-B345-02 AMS-QQ-A-200/8 TYPE 1 UNS#96061 ACTUAL
CHEMISTRY Also conforms to EN 10204 3.1

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA



CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Ron Walls,

Ron Walls

Plant Serial: 00005624

Kaiser Order Number: 312734

Line Item: 001

ABNAHMEPRÜFZEUGNIS EN 10204-3.1
INSPECTION CERTIFICATE EN 10204-3.1
CERTIFICAT DE RECEPTION EN 10204-3.1

Zugversuch längs Vollprobe / Tensile test longitudinal Full section test specimen / Essai de traction longitudinale Eprouvette a section complete

Pos.	Proben-Nr.	Schmelzen-Nr.	Probenabmessung	Streckgrenze	Zugfestigkeit	Dehnung	Einschnürung
Item	Specimen No.	Heat No.	Specimen dimensions	Yield strength	Tensile strength	Elongation	Area reduction
Poste	No. de l'éprouvette	No. de coulée	Dimensions de l'éprouv.	Limite élastique	Résistance à la traction	Allongement	Coefficient de striction
Requirements				Rp 0,2 %	Rm	A2"	1. Formel
Exigences			mm	N/mm ²	N/mm ²	%	1. Formule
0024	000001	568913	19,05 X 0,95	786	841	MIN 12	1. Formule
0024	000002	568913	19,05 X 0,95	801	829	20	1. Formule
0024	000003	568913	19,05 X 0,95	773	830	20	1. Formule
0024	000004	568913	19,05 X 0,95	793	833	20	1. Formule
0024	000005	568913	19,05 X 0,95	810	828	20	1. Formule
0024	000006	568913	19,05 X 0,95	801	834	20	1. Formule

Randentkohlung / Surface decarburization / Décarburization superficielle

Pos. / Item / Poste: 0024
acc. MIL-T-6736B / AMS-T-6736B, decarburization outside max. 0,20 mm, decarburization outside + inside max. 0,254 mm

Vermerk / Remark / Remarque

Pos. / Item / Poste: 0024
Macroscopic examination: acc. to ASTM-E 381

Pos. / Item / Poste: 0024
Magnetic particle inspec.: acc. to AMS 2301 G/2640, on prematerial

Pos. / Item / Poste: 0024
Grain size determination: acc. to ASTM-E 112, Grain size 5 and finer, Longitudinal structure micrography, On prematerial

Certificate remarks: The steel grade corresponds to MIL-T-6736B, AMS 6360 and AMS 6371J, material free from mercury contamination, FAR BAA: 52.225-1 CANNOT COMPLY, DFARS BAA: 25.2225-7001 CAN COMPLY, FAR TAA: 52.225-5 CAN COMPLY, Country of origin of the material and heat: Germany; see appendix page 1 of 1

Pos. / Item / Poste: 0024

Pos. / Item / Poste: 0024
Grain size determination: acc. to ASTM-E 112, Grain size 5 and finer, Longitudinal structure micrography, On prematerial

Pos. / Item / Poste: 0024
Grain size determination: acc. to ASTM-E 112, Grain size 5 and finer, Longitudinal structure micrography, On prematerial

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Pos. / Item / Poste: 0024
Grain size determination: acc. to ASTM-E 112, Grain size 5 and finer, Longitudinal structure micrography, On prematerial

Verkäufer(in) / Salesman/ woman in charge / Personne chargée : Mr Boeger, Tel.: 05254/81-4321, Fax: 4395
12/06/05

Benteler Steel/Tube GmbH
Residenzstraße 1
33104 Paderborn
Germany
Tel.: 49.5254.81-0 Fax: 49.5254.13666

BENTELER ▼

Steel/Tube

Abnahmeprüfzeugnis EN 10204-3.1 / Anhang
Inspection Certificate EN 10204-3.1 / appendix
Certificat de réception EN 10204-3.1 / appendice

Dokument-Nr.
Document No.:
No. de document:

41-680543/001/P

41-680543/001/P

Halbzeuguntersuchung: Stahlsorte 4130 / Semi finished product examination: grade 4130 / Produit semi-fini: nuance 4130

Schmelzen-Nr. Heat No. Coulée No.	Position Item Poste	Kongröße Grain size Grosseur de grain (ASTM-E 112)	Härbarkeit (min. Anforderungen) Hardenability (min. requirements) Tremperabilité (é exigence min.) (ASTM-A 255)		Magnetpulverprüfung Magnetic particle inspection Essai à la poudre magnétique (AMS 2301G / 2640J)		Makroätzung Macrostructure test Essai de macrostructure (ASTM-E 381)	
			min. 5	J(5/16") min. 35 HRC	J(8/16") min. 28 HRC	F max. 0,34	S max. 0,25	max. S 2
568913	0024	9 - 10	39	31	0,029	0,020	S 2	R 1
		Decarburization Depth	Outside 0,000 mm	Inside 0,020 mm				C 2

Der Stahl ist frei von Quecksilberverunreinigungen. / The steel is free of mercury contamination. / L'acier est libre des contaminations de mercure.

Paderborn Schloß Neuhaus, 23.02.2012
Tel.: (0)5254.81-1992 Fax: (0)5254.81-1991

Abnahmebeauftragter
Inspection representative
Contrôleur

C. Gollan
2/06/01

Thomas Gollan

Benteler Steel/Tube GmbH
Postfach 13 40
33043 Paderborn
Deutschland
Tel.: +49.5254.81-0 Fax: +49.5254.13666

BENTELER ▶

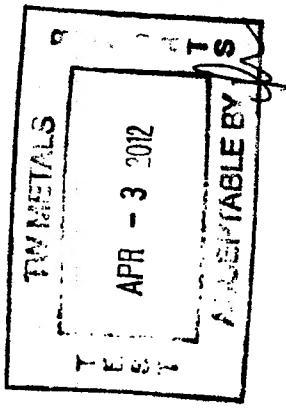
Steel/Tube

ABNAHMEPRÜFZEUGNIS EN 10204-3.1
INSPECTION CERTIFICATE EN 10204-3.1
CERTIFICAT DE RECEPTION EN 10204-3.1

Dokument-Nr.: 41-680543/001/P

Document No.:
No. du document:

Prüf-Nr.:
Inspection No.:
No. du certificat:
Page:
Blatt: 4 / 4



Paderborn Schloß Neuhaus, 23.02.2012, TEL.: 05254.81-1767 FAX: 05254.81-1752

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Nous attestons que les produits livrés sont conformes aux stipulations de la commande. Ce document a été établi par traitement électronique de l'information et est valide sans signature.

J. Benteler ▶
Benteler
Steel/Tube GmbH

Abnahmbeauftragter
Inspection représentative
Contrôleur
THOMAS GOLLAN / TEM

PURCHASE ORDER**Purchase Order ID** PO17026**Purchase Order Date** 5/22/12**PO Print Date** 5/22/12**Page Number** 1 of 2

Order From :	VU-TWM001							
TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 US								
Contact Name								
Vendor Phone	585 768 5600	Buyer	Chantal Lavoie					
Vendor Fax	585 768 5601	Requisition Nbr						
Vendor Account Nbr		Tax Resale Nbr	10127-2607					
		Terms	Net 30					
		Currency	USD					
		FOB	Destination-Collect					
Ship To :	DART AEROSPACE LTD	1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA						
			FAXED <i>6/27/12</i>					
Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price	
1	M6061T6T0.375W.049 <i>94</i>	6061-T6 RD Tube .375 x.049W	5/30/12	108.00 Yes	<i>✓</i> f	\$2.5000	\$270.00	
2	M6061T6T0.3125W.058 <i>83</i>	ALUM TUBE .3125 x .058W	5/30/12	200.00 Yes	<i>✓</i> f	\$4.1000	\$820.00	
3	M4130NT0.750W.035 <i>033</i>	4130 RD TUBE .750 X .035W	5/30/12	200.00 Yes	<i>✓</i> f	\$7.5000	\$1,500.00	
<i>4/10/30</i> <i>4/10/30</i>								
No substitution or deviation without consent. Certificate of Conformity or Material Certification required when applicable								
Change Nbr:	1	Change Date:	5/22/12					

PURCHASE ORDER**Purchase Order ID** **PO17026****Purchase Order Date** 5/22/12**PO Print Date** 5/22/12**Page Number** 2 of 2**Order From :**

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

VU-TWM001

Contact Name

Vendor Phone 585 768 5600
Vendor Fax 585 768 5601

Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Special Inst: MATERIAL: AISI 4130N STEEL TUBING
AS PER
MIL-T-6736 OR AMS 6371/6360/6361/6362
6373/6374

PO Total:

\$2,590.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 5/22/12

No substitution or deviation without consent.
Certificate of Conformity or Material Certification required when applicable